

Date: Thursday, 18/12/2008 7:33:59 AM  
 User: Chantal Lavoie

## Process Sheet

<b>Customer</b> :	CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> :	SEAT CUSHION
<b>Job Number</b> :	44153		
<b>Estimate Number</b> :	10076		
<b>P.O. Number</b> :		<b>Part Number</b> :	D30181
<b>This Issue</b> :	18/12/2008	<b>Drawing Number</b> :	D3018 REV. A
<b>Prsht Rev.</b> :	NC	<b>Project Number</b> :	N/A
<b>First Issue</b> :	//	<b>Drawing Revision</b> :	A
<b>Previous Run</b> :	43272	<b>Material</b> :	
<b>Written By</b> :	<i>[Signature]</i>	<b>Due Date</b> :	26/01/2009
<b>Checked &amp; Approved By</b> :	<i>C208112118</i>	<b>Qty:</b>	4
<b>Comment</b> :	Est: B 01.06.08 Removed acid etch & alodine	<b>Um:</b>	Each

## Additional Product

Job Number:



<b>Seq. #:</b>	<b>Machine Or Operation:</b>	<b>Description :</b>
----------------	------------------------------	----------------------

1.0	PG	PURCHASING
-----	----	------------



## Comment: PURCHASING

Issue P/O: *7861**C208112118*

Possible supplier: Chestnut Ridge Airflex fire-resistant aircraft cushioning

Order: Grade 55.65 (colour orange), Density 3.6lb/ft³

Material must meet FAR 27.853(a) or 25.853(a)

Part is symmetric about centerline-All dimensions are in inches

Tolerances are per Dart QSI 018 unless otherwise noted

Material release note required

2.0	D30181P	Seat Cushion
-----	---------	--------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)  
 SEAT CUSHION

3.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



## Comment: PACKAGING RESOURCE #1

Recieve &amp; Inspect for Transit Damage

Ensure Material Release Note is attached

4.0	QC6	DIMENSIONAL CHECK
-----	-----	-------------------



## Comment: DIMENSIONAL CHECK

*9/0/15* *(4)*  
*8 09/01/15* *(X)*

5.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



## Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: *Store**9/1/15*

*(X)*  
*SL*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Thursday, 18/12/2008 7:33:59 AM  
User: Chantal Lavoie

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SEAT CUSHION

Job Number: 44153

Part Number: D30181

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



09/01/19 *[Signature]*

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



MF 09-01-17

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

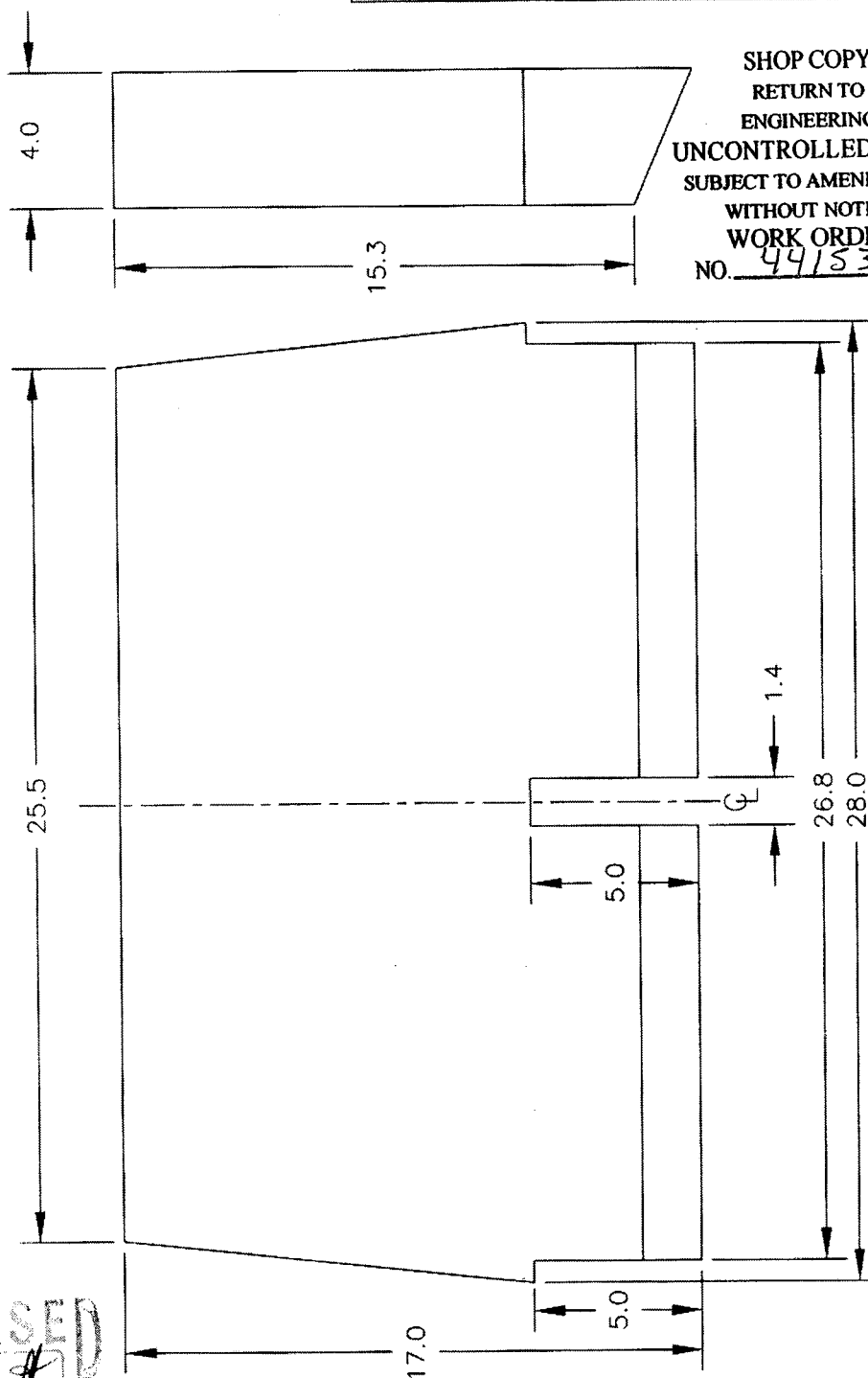
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3018	REV. A SHEET 1 OF 1
DATE 01.05.18		TITLE SEAT CUSHION	SCALE 1:5
A	01.05.18	NEW ISSUE	

SPECIFICATION CONTROL DRAWING

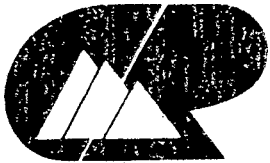


SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 44153

- D3018-1
- 1) MAKE PER TEMPLATE
  - 2) MATERIAL MUST MEET FAR 27.853(a) OR 25.853(a)
  - 3) POSSIBLE SUPPLIER: CHESTNUT RIDGE AIRFLEX FIRE-RESISTANT AIRCRAFT CUSHIONING  
GRADE 55-65 (COLOUR ORANGE)  
DENSITY 3.6 lb/ft<sup>3</sup>
  - 3) PART IS SYMMETRIC ABOUT CENTERLINE
  - 4) ALL DIMENSIONS ARE IN INCHES
  - 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

Copyright © 2001 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



**Chestnut Ridge**  
Foam, Inc.

CERTIFICATE OF CONFORMANCE

SOLD TO:  
DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY  
ONTARIO, CANADA

K6A1K7

PURCHASE ORDER: 00007861  
SALES ORDER: 33944  
DATE SHIPPED: 01/13/09

**"URGENT! FLAMMABILITY CERTIFICATION  
ENCLOSED. PLEASE FORWARD TO  
PURCHASING. DO NOT THROW AWAY!"**

***I certify that the material shipped against the above-referenced purchase order meets the following requirements:***

*14 CFR 25.853(a), APPENDIX F, PART 1(a)(1)(ii), AMENDMENT 25-116*

Quantity	Customer Part Number	Part Number	Material	Batch Number
4	D3018-1	502148-99	AIRFLEX55-65	AF8052, AF8055, AF8057
4	D3019-1	601988-99	AIRFLEX30-40	AF8052, AF8055

MADE IN THE U.S.A

Mark A. Brown  
Technical Director

S  
09/01/15

**CHESTNUT RIDGE FOAM INC.**  
**VERTICAL BURN TEST # 11391**  
**12-SECOND VERTICAL BUNSEN BURNER TEST**  
**FOR CABIN AND CARGO COMPARTMENT MATERIALS**  
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : AIRFLEX  
BATCH / LOT NO : AF8057  
CUSTOMER : PRODUCTION  
P.O. NO :  
OTHER IDENTIFICATION : AFX 55-65

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : ORANGE

FLAME TEMPERATURE : 1553°F

CONDITIONING STARTED : DATE : 12-31-08  
TIME : 8:00 AM

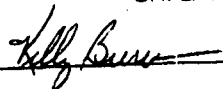
TEST STARTED : DATE : 1-5-09  
TIME : 9:05 AM

RESULTS :	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	1.0	0.0	6.0
#2.	0.3	0.0	5.0
#3.	0.0	0.0	4.8
AVG.	0.4	0.0	5.3
PASS : X	FAIL :		

**COMMENTS :**

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,  
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES  
SR. LAB TECHNICIAN



**CHESTNUT RIDGE FOAM INC.**  
**VERTICAL BURN TEST # 11356**  
**12-SECOND VERTICAL BUNSEN BURNER TEST**  
**FOR CABIN AND CARGO COMPARTMENT MATERIALS**  
**SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853**

---

PRODUCT : AIRFLEX  
BATCH / LOT NO : AF8052  
CUSTOMER : PRODUCTION  
P.O. NO :  
OTHER IDENTIFICATION : AFX 30-40

---

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME

---

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : GREEN

FLAME TEMPERATURE : 1556°F

CONDITIONING STARTED : DATE : 12-4-08  
TIME : 9:00 AM

TEST STARTED : DATE : 12-5-08  
TIME : 9:10 AM

---

RESULTS :	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	5.5
#2.	0.0	0.0	6.0
#3.	0.0	0.0	6.1
AVG.	0.0	0.0	5.9

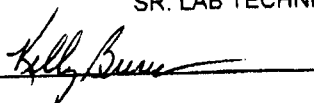
PASS : X      FAIL :

---

**COMMENTS :**

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,  
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES  
SR. LAB TECHNICIAN

  
\_\_\_\_\_  
i c  
i.



**CHESTNUT RIDGE FOAM INC.**  
**VERTICAL BURN TEST # 11370**  
**12-SECOND VERTICAL BUNSEN BURNER TEST**  
**FOR CABIN AND CARGO COMPARTMENT MATERIALS**  
**SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853**

---

PRODUCT : AIRFLEX  
BATCH / LOT NO : AF8055  
CUSTOMER : PRODUCTION  
P.O. NO :  
OTHER IDENTIFICATION : AFX 30-40

---

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME

---

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : GREEN

FLAME TEMPERATURE : 1558°F

CONDITIONING STARTED : DATE : 12-16-08  
TIME : 7:00 AM

TEST STARTED : DATE : 12-17-08  
TIME : 9:40 AM

---

RESULTS :

	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	4.1
#2.	0.0	0.0	4.7
#3.	0.0	0.0	4.5
AVG.	0.0	0.0	4.4

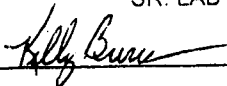
PASS : X      FAIL :

---

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,  
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES  
SR. LAB TECHNICIAN



---

**CHESTNUT RIDGE FOAM INC.**  
**VERTICAL BURN TEST # 11215**  
**12-SECOND VERTICAL BUNSEN BURNER TEST**  
**FOR CABIN AND CARGO COMPARTMENT MATERIALS**  
 SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT: FR 4440 FABRIC  
 BATCH / LOT NO: 5296  
 CUSTOMER: PRODUCTION  
 P.O. NO:  
 OTHER IDENTIFICATION: SUPPLIED BY: HANES CONVERTING CO. OF CONOVER, NC  
 ON INVOICE #62-067937

TEST BEING RUN: VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME

MATERIAL COMPOSITION: NA

MATERIAL PATTERN: WOVEN

MATERIAL COLOR: TAN

FLAME TEMPERATURE: 1558°F

CONDITIONING STARTED: DATE: 8-25-08  
 TIME: 9:00 AM

TEST STARTED: DATE: 8-29-08  
 TIME: 11:10 AM


RESULTS		FLAME TIME (SECONDS)		DRIPPINGS (SECONDS)		BURN LENGTH (INCHES)	
		WARP	FILL	WARP	FILL	WARP	FILL
#1.		0.0	0.0	0.0	0.0	5.0	4.9
#2.		0.0	0.0	0.0	0.0	4.9	4.8
#3.		0.0	0.0	0.0	0.0	5.0	4.9
AVG.		0.0	0.0	0.0	0.0	5.0	4.9

PASS: X FAIL:

**COMMENTS**

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853  
 PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (4).

TESTED BY: KELLY BURES  
 SR LAB TECHNICIAN

<b>CORPORATE OFFICE</b> 500 N. McLin Creek Rd. P. O. BOX 457 CONOVER, NC 28613-0457 PHONE (828) 464-4673 FAX (828) 464-0459		 <i>engineered materials</i> a Leggett & Platt company		<b>INVOICE</b> PLEASE REMIT TO: HANES ENGINEERED MATERIALS L&P FINANCIAL SERVICES CO. P O BOX 60984 CHARLOTTE, NC 28260
<b>SOLD TO</b> CHESTNUT RIDGE FOAM ROUTE 981 NORTH PO BOX 781 LA TROBE, PA 15650		<b>SHIP TO</b> CHESTNUT RIDGE FOAM ROUTE 981 NORTH PO BOX 781 LA TROBE, PA 15650		
INVOICE NUMBER 62-067937	INVOICE DATE 8/15/2008	TERMS NET 30	CARRIER USF HOLLAND INC	ROUTING
CUSTOMER NO. 15985	CUSTOMER ORDER NO. 23892	SLS MGR/SLSMAN 65 452	ORDER DATE 8/12/2008	FOR CONOVER, NC
BILL OF LADING DAY8		S/L 71295		RELEASE # 010 29004
PRODUCT NO. 30333	WIDTH 40.000	DNM-2	DESCRIPTION TICKING FR 4440	PNTUP 250 RL PK CC 2T QUANTITY 5,018 UOM LN PRICE AMOUNT
CERTIFICATION: THE SELLER DOES NOT CERTIFY, EITHER IMPLICITLY OR EXPLICITLY, THESE PRODUCTS TO MEET THE REQUIREMENTS OF ANY REGULATORY AGENCY OR SPECIFICATION EXCEPT AS MAY BE CERTIFIED ABOVE OR UNDER SEPARATE WRITTEN CERTIFICATION. ALL TRANSACTIONS ARE SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS INVOICE. USF HOLLAND INC PROP 11311290958 AUG 22 2008				
TOTAL INVOICE AMOUNT		662		

15985  
 ORIGINAL

THE LAWS OF THE STATE OF NORTH CAROLINA SHALL GOVERN THIS TRANSACTION. A LATE PAYMENT CHARGE AT A PER ANNUM RATE  
 EQUAL TO THE PRIME RATE OF THE CHASE MANHATTAN BANK, P.A. IN EFFECT ON THE FIRST DAY OF EACH MONTH PLUS 2% OR 18% PER ANNUM  
 WHICHEVER RATE IS HIGHER, WILL BE IMPOSED ON THE FIRST OF EACH MONTH ON ALL PAST DUE INVOICES PAID DURING THE MONTH.